

### **REMARKS**

Claims 1-22 are now pending in the application. New Claim 27 is presented herein for consideration. The Examiner is respectfully requested to reconsider and withdraw the rejection(s) in view of the amendments and remarks contained herein.

### **REJECTION UNDER 35 U.S.C. § 102**

Applicants traverse the rejection of Claims 1-22 under 35 U.S.C. § 102(b) as being anticipated by Parshall (U.S. Pat. No.4,812,695).

With respect to Claim 1, Parshall does not show, teach or suggest a stator plate for a stator segment assembly as required by Claim 1. Parshall shows a non-segmented stator. In other words, the stator plate in Parshall is unitary and therefore does not include any stator segment assemblies. In contrast, the stator in Claim 1 is segmented. In Col. 4, lines 9-19, Parshall teaches:

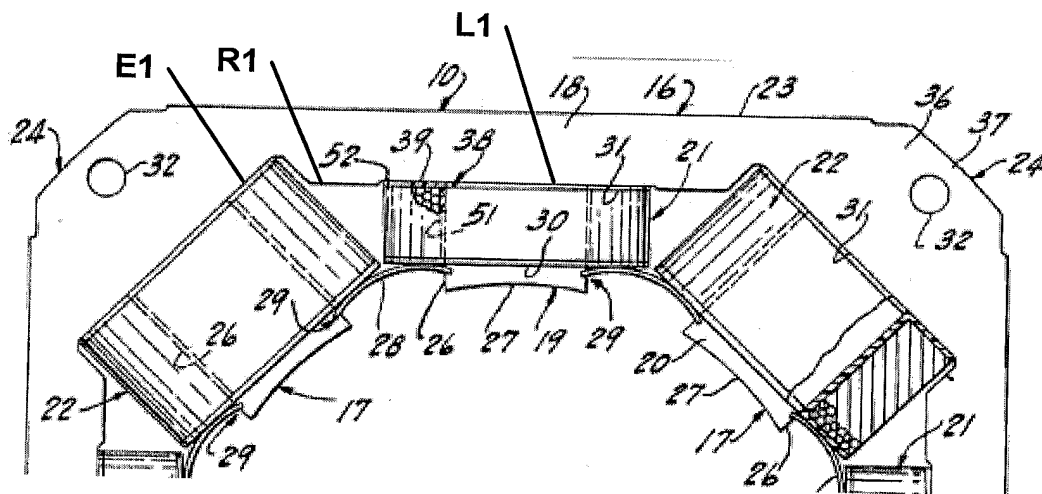
The illustrated stator core 16 is square and includes a generally outer continuous and encircling square periphery portion 18 with a plurality of radially inwardly extending poles 19 and 20 of coil units 17.

The core 16 is a laminated core, as shown in FIG. 1 and formed of a plurality of individual thin laminations such as shown in FIG. 1. Each lamination is a square member having four equal sides corresponding to the final configuration of core 16. A separate precision prewound coil 21 and 22 is secured respectively to each of the poles 19 and 20.

Therefore, Parshall does not teach a stator plate for a stator segment assembly as required by Claim 1.

Furthermore with respect to Claim 1, Parshall does not show, teach or suggest a radially inner edge of a stator segment plate that includes an undercut portion that receives winding wire. The alleged undercut portions of Parshall are not formed in the

radially inner edge of the stator plate of a stator segment and do not receive winding wire. The claimed radially inner edge would correspond to E1 (see FIG. 2 of Parshall below). The claimed undercut portion is defined in the radially inner edge and should receive winding wire. There is no undercut portion in Parshall that receives winding wire as claimed.



Parshall shows a lower portion L1 adjacent to the tooth section. A raised portion R1 is located outside of an area where winding wire 39 is wound as shown below. Insulating material 52 is shown to fill a lower portion L1 – not winding wire.

With respect to dependent Claim 2 and independent Claim 7, Parshall does not show, teach or suggest a stator plate for a stator segment assembly wherein the first undercut portion is located adjacent to a junction between the tooth section and the radially inner surface.

Parshall fails to show an undercut portion at a junction between the tooth section and the radially inner surface. Parshall shows a raised portion R1 that is located outside of an area where winding wire 39 is wound as shown below.

The other alleged undercut portion of Parshall is also not adjacent to the junction between the tooth section and the radially inner surface.

Applicants traverse the rejection of Claims 19-22 under 35 U.S.C. § 103(a) as being unpatentable over Suzuki.

Referring now to Claim 19, Suzuki does not show, teach or suggest a first undercut portion that is formed in a radially inner surface of said outer rim section and that receives winding wire.

Suzuki shows a contracted portion 6c of a projection 6 that is formed at one end of an outer rim section. A contracted portion 7c of a groove 7 is formed at an opposite end of the outer rim section. The contracted portion 6c of one stator segment mates with or receives the contracted portion of an adjacent stator segment 7c to reduce circumferential play. Col. 5, lines 60-65. Neither of the contracted portions 6c nor 7c receive winding wire as claimed.

For the foregoing reasons, Applicants believe that claims 1, 7 and 19 are in condition for allowance. The remaining claims depend directly or indirectly on claims 1, 7 and 19 and are allowable for the same reasons.

### **CONCLUSION**

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt

and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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